
Monoclonal Antibody to Porcine Neutrophils

Monoclonal antibody PM1 recognizes neutrophils in various organs and in blood smears. The antigen is located in both the membrane and the cytoplasm. Western Blotting of kidney or spleen extracts reveals a band at 21kDa after SDS-PAGE under non-reducing conditions. No band is visible under reducing conditions.

Product number: T-3503

Clone: PM1

Lot: 01PO1004

TECHNICAL AND ANALYTICAL CHARACTERISTICS:

Host species, subclass: Mouse IgG1 kappa

Quantity: 200µg

Format: Purified, lyophilized; reconstitute by adding 0.5ml distilled water. This stock solution contains 0.4mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 5mg/ml bovine serum albumin (BSA) as a stabilizer and 0.09% sodium azide as a preservative.

Stability: Original vial: 1 year at 4° - 8°C; stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing.

Applications: Tested for immunohistochemistry (IHC).

Approximate working dilutions:

IHC, frozen sections: 0.5µg/ml (1:800)

IHC, paraffin sections: 5µg/ml (1:80) microwave pretreatment for antigen retrieval is recommended.

Optimal dilutions should be determined by the end user.

Please see www.bma.ch for protocols and general information.

Immunogen: Porcine lung extract

Antigen, epitope: The epitope has not been characterized

Antigen distribution: **Tissue sections:** The antigen of 21kDa is associated with neutrophils in various swine tissues, e.g. in the red pulp of the spleen, and also with neutrophils in blood smears.

Specificity: **Pig:** Neutrophils

Other species: reacts with human neutrophils.

For *in vitro* research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.